

ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415 International Specialists in the Environment

EXECUTIVE SUMMARY

1LD 020038089 103RD STREET TRANSFER STATION 103RD STREET AND DOTY AVENUE CHICAGO. IL 60628

The 103rd Street Transfer Station is located north of Lake Calumet in an industrial park. This facility is active and has been in operation since 1980. This site operates as a receiving station for garbage trucks. The waste is weighed and dumped into a concrete area inside the Transfer Station building. The waste is then sent to a landfill in semi-trailer trucks. All the refuse is removed and transferred by the end of the day.

The only waste handled at this facility is general household refuse. No hazardous wastes have been known to be accepted. The Station receives approximately 125-150 truck loads of waste per day. In 1985, approximately 159,315 tons of refuse was accepted.

The site operates Monday through Friday from 7:00 a.m. until 11:00 p.m. and the building is kept locked during inoperative hours.

This area was formerly the Calumet Incinerator, which operated from 1959 to 1979. Operations consisted of burning general household refuse and transferring the trash to a landfill. Approximately 200 tons of refuse was incinerated per year. This was an old batch heat incinerator, which was closed in 1979 by the city of Chicago because air quality standards could not be met.

The area within the three mile radius receives potable water from Lake Michigan, with intakes greater than 3 miles from the site. In addition, there are no private groundwater wells located within the three mile radius. Based on available information on site conditions and a low targeted population, no further action is recommended for F.I.T. activities.



Harris francisco per Mine Harris Mine 1 PA Composition 1 PA Composition 3-11-15

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

LEDENTIFICATION

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TLANS 1938

| PART 1 - SITE INFORMA | TION AND ASSESSMENT | AS CONTRACT |
|--|--|---------------------|
| R. SITE NAME AND LOCATION AKA Calumet & | rennala, 10301 Sr. Da | ty |
| 103rd Street Transfer Station | 103 = Street and Dot | 4 Avenue |
| Chicago | IL 60628 COOK | 07COUNTY OF CONG |
| 00 COOMENATES LATITUDE LONGITUDE LONGITUDE 41°4350''O 087°35'00".Q | Lake Columet, IL. Qua | drangle |
| I - 94 CATUMET EXPRESSION | South . Exit on 1031 | rd street |
| I-94 calumet Expressively Easton 103rd Street to De onthe south side of 103rd | sty Avenue. Site is 10 | cated |
| III. RESPONSIBLE PARTIES | | |
| City of Chicago | 121 N. LaSalle Stree | + |
| Chicago | IL. 60601 361744-5000 | |
| Waste Management of Illinois, Inc. | 7300 W. College Drive, P.C | . Box 563 |
| Palos Heights | IL. 60463 3121361-4010 | |
| 13 TYPE OF OWNERSHIP (Crect one) D. A. PRIVATE D. B. FEDERAL: (Agency sone) | C. STATE ID.COUNTY BE. MU | INICIPAL |
| D F. OTHER: | D G. UNKNOWN | |
| 14 DWNER/OPERATOR NOTIFICATION ON FILE (Check of that apply) | | |
| □ A. RCRA 3001 DATE RECEIVED: □ B. UNCONTROLL | ED WASTE SITE ICERCIA 103 CI DATE RECEIVED: | M' YEAR S. NONE |
| IV. CHARACTERIZATION OF POTENTIAL HAZARD | | |
| OT ON SITE INSPECTION BY (Check at that apply) D. A. EPA D. B. EPI | A CONTRACTOR D. C. STATE D. D. OTHER | CONTRACTOR |
| TO YES DATE / DE LOCAL HEALTH OFFI | CIAL D.F. OTHER: | |
| CONTRACTOR NAME(S): | | |
| Q2 SITE STATUS (Check one) 03 YEARS OF OPER B A. ACTIVE D B. INACTIVE D C. UNKNOWN | ATION 1980 Present DUNKNOW EDWARD YEAR ENDING YEAR | N |
| 04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED | | |
| None | | |
| 06 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION | | |
| None | | - |
| V. PRIORITY ASSESSMENT | | |
| D1 PRORTY FOR INSPECTION (Check one. If Age, or median is abstract, complete Part 2 - these pairs. A. HIGH B. MEDIUM C. LOW (Reported on three (Report on three | ession and Part 3 - Description of Minimbour Conditions and Receipting D. NONE products backs (Re Arther atten proceded, destroate aurent dispose | Anna) |
| VI. INFORMATION AVAILABLE FROM | | |
| Cliff Gould IEPF | IDLPC | OS TELEPHONE NUMBER |
| 04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY | OS ORGANIZATION OT TELEPHONE NUMBER | OS DATE |
| Kelly walker U.S.EPA | Ecology and 13663-9415 | 01,07,86 |

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POTENTIAL HAZARDOUS WASTE SITE

| I. IDENTIFICATION | | |
|-------------------|----------------|--|
| OI STATE | 02 BITE NUMBER | |

| SH | 4 | | | ' ASSESSMENT E INFORMATION | | IL | |
|--|---------------------------------|------------------------------|---|---|-------------------|---|--------------------------------|
| N. WASTE ST | TATES, QUANTITIES, AN | ND CHARACTER | ASTICS | | | | |
| D1 PHYSICAL ST B A. BOLID D B. POWDET C. BLUDGE | | * TONS | TITY AT BITE OF THE STREET OF | D3 WASTE CHARACTE A TOXIC B CORROS C RADIOA D PERSIST | ACTIVE LIG FLAMI | IBLE II II. HIGHLY! CTIOUS II J. EXPLOS IMABLE II K. REACTI | SIVE INE |
| D. OTHER | (Spec#y) | NO OF DRUMS | | | TERMI CONTINUENCE | M. NOT AF | |
| M. WASTE T | | 1 | | | | | |
| CATEGORY | SUBSTANCE N | NAME | 01 GROSS AMOUNT | 02 UNIT OF MEASURE | 03 COMMENTS | | |
| SLU | SLUDGE | | | | | ite has a | nlu |
| OLW | OILY WASTE | | | | accept | | |
| SOL | SOLVENTS | | 1 | | house | mid re | fuse. |
| PSD | PESTICIDES | | | | | | |
| occ | OTHER ORGANIC CH | HEMICALS | | | * Quant | itu of re | fuse |
| IOC | INORGANIC CHEMIC | CALS | | | accept | ed in 192 | 15 |
| ACD | ACIDS | | | | | | |
| BAS | BASES | | | | | | |
| MES | HEAVY METALS | | | | | | |
| | OUS SUBSTANCES (500 A | | | | | | and the first |
| D1 CATEGORY | 02 SUBSTANCE N | ME | 03 CAS NUMBER | 04 STORAGE/DISF | POSAL METHOD | 05 CONCENTRATION | 06 MEASURE OF CONCENTRATION |
| | N/A | | ' | | | | |
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| | OCKS (See Appendix for CAS Numb | | ~ | | | | |
| CATEGORY | | X NAME | 02 CAS NUMBER | CATEGORY | 01 FEEDSTO | JCK NAME | 02 CAS NUMBER |
| FDS | N/A | | / | FDS | | | |
| FDS | | | / | FDS | | | ··· |
| FDS | | | <i>!</i> | FDS | | | |
| FDS | | | <u> </u> | FDS | | | |
| VI. SOURCE | S OF INFORMATION (CO) | / apacific references, e.g., | , atale files, gample analysis, e | reports) | | | |
| See | attached | . Soure | e sheet | う . | • | | • |

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POTENTIAL HAZARDOUS WASTE SITE **PRELIMINARY ASSESSMENT**

L IDENTIFICATION OI STATE OF SITE NUMBER

| PART 3 - DESCRIPTION OF | HAZARDOUS CONDITIONS AND INCIDE | INTS | |
|--|--|--------------------------|-------------------|
| IL HAZARDOUS CONDITIONS AND INCIDENTS | | | |
| 01 D. A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED. HOUSE HOLD CONTAMINATION 10 CONTAMINA | 02 OBSERVED (DATE) 04 NARRATIVE DESCRIPTION | Depotential Ster Station | 1 building |
| in a concrete area. Then | e are no Private u | vells loc | ated ³ |
| within the 3-mile radi | | | |
| 01 D B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: | 02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | D POTENTIAL | □ ALLEGED |
| Household refuse is conto | sined within the trans | sfer static | n building |
| in a concrete area. Surfa | ice water intakes in | n Lake M | enigan |
| serving the 3-mile radius | | · | |
| 01 © C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED: | 02 DBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | □ POTENTIAL | [] ALLEGED |
| N/A | | | |
| 01 [] D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED: | 02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | ☐ POTENTIAL | □ ALLEGED |
| N/A | | | |
| 01 D E. DIRECT CONTACT | 02 DOBSERVED (DATE:) | □ POTENTIAL | □ ALLEGED |
| None documented. Trau | _ 04 NARRATIVE DESCRIPTION | ina is Ked | of locked |
| when the facility is | not in operation. | , , , , , , | |
| 01 D F. CONTAMINATION OF SOIL N/A | 02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | ☐ POTENTIAL | □ ALLEGED |
| N/A The household restation building in a | fuse is contained a | within th | ethansfer |
| 01 D.G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: | 02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | ☐ POTENTIAL | □ ALLEGED |
| See Sections A and B a | LOOVE. | | |
| 01 D. H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED: | 02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | ☐ POTENTIAL | □ ALLEGED |
| None documented. | | | |
| 01 D.I. POPULATION EXPOSURE/INJURY 9 03 POPULATION POTENTIALLY AFFECTED: | 02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | ☐ POTENTIAL | D ALLEGED |
| None documented. to have been accepted | No hazardous was | stes are | Known |
| to have been accepte | ed. Site only acco | epts ger | real |
| house hold refuse. | · | | |
| EPA FORM 2070-12 (7-81) | | | |



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415 International Specialists in the Environment

MEMORANDUM

DATE:

June 6, 1986

T0:

File

FROM:

Robert Hingtgen \mathcal{SH}

SUBJECT:

Illinois/R05-8603-20/IL0431

Chicago/103rd Street Transfer Station

ILD020038089

The 103rd Street Transfer Station is located just south of 103rd street near Interstate 94. The area of this property is approximately 46 acres. The owner of the site is the City of Chicago and Waste Management of Illinois has operated the transfer facilities since 1980. Before this facility beame a transfer station it was Calumet Incinerator, which operated from 1959 to 1979. During this time period domestic refuse was brought to the incinerator and burned or taken to a landfill. Incineration ceased in 1979 under direction of the City of Chicago as aire quality standards were not met.

Since 1980 the facility has been operated as a transfer station only. Approximately 125 to 150 truck loads of household refuse are received each day. The waste is weighed and dumped in a concrete area inside the transfer station. Semi-trailer trucks then haul the waste to landfills. All waste accepted is transferred by the end of the day. Waste is not stored in the facility overnight, and the building is kept locked overnight. The handling of hazardous waste does not, and has not been known to occur here.

As there is no record of hazardous waste being handled or disposed at this facility, all route scores in the HRS model are zero since the total waste characteristics factors will be zero. Thus the site migration score is zero and an HRS scoring package will not be submitted for this site.

06V:5X

SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

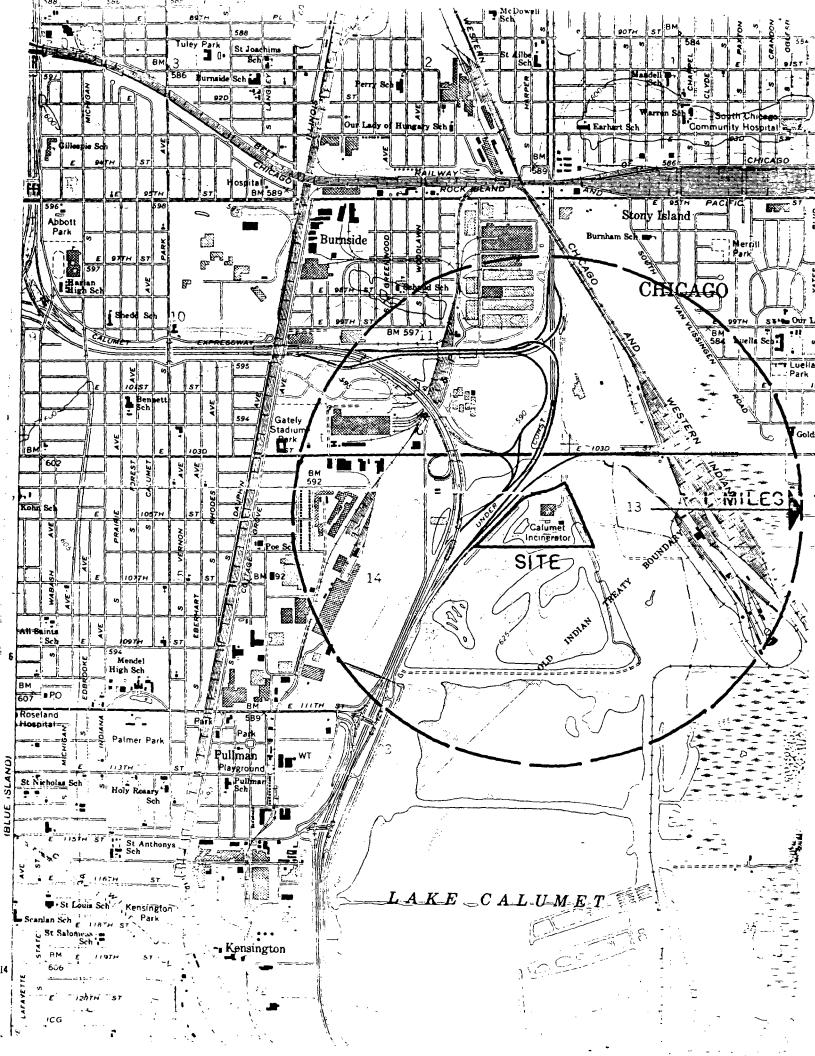
| Į | L IDENTIFICATION | |
|---|-------------------------|---|
| 1 | OT STATE OF SITE NUMBER | |
| | IL D 0200 3808 | 4 |
| • | | / |

| PART 1 - SITE INFORMA | TION AND ASSESSMENT | |
|---|--|----------------------------|
| IL SITE NAME AND LOCATION | | |
| O1 OTTE HAVE gapes, common, or description name of step | OR STREET, ROUTE NO., OR SPECIFIC LOCATION DENTIFIER | • |
| 103rd Street Transfer Station- | | |
| CO COTY | 04 STATE 05 ZP CODE 08 COUNTY | OTCOUNTY OF CONG |
| Chicago | IL 60628 COOK | 031 05 |
| CONCONDINATES LATITUDE LONGITUDE LONGITUDE 41°4350''.0 087°35'00".Q | Lake Columet, IL. Qua | |
| I-94 Calumet Expressury Easton 103rd Street to De on the south Side of 103rd | South Exit on INE | 1 51-1 |
| 1-94 Calumet Expressing | JOUAN EXIL DILION | ~ Threet. |
| Easton 103 to Street to De | sty Avenue. Dite is lo | eated |
| on the south side of 103rd | . Street. | |
| M. RESPONSIBLE PARTIES | | |
| O1 OWNER (Firmen) | 02 STREET (Sustances, meding, residences) | • |
| City of Chicago | 121 N. LaSalle Stree | t- |
| Chicago | 04 STATE 06 ZIP CODE 06 TELEPHONE NUMBER | |
| Chicago | IL. 60601 BUTH-5000 | 1 |
| 07 OPERATOR (If Insure and different from primor) | OS STREET (Business, maling, restricted) | 2 |
| Waste Management of Illinois, Inc. | | . box 5 63 |
| Palos Heights | 10 STATE 11 ZP CODE 12 TELEPHONE NUMBER | 1 |
| raiss neights | IL. 60463 3121361-4010 | |
| 13 TYPE OF OWNERSHIP (Check one) D. A. PRIVATE D. B. FEDERAL: | D.C. STATE DD.COUNTY SE. MU | NICIPAL |
| F. OTHER: | D. G. LINKNOWN | |
| (Apocity) | | |
| 14 OWNER/OPERATOR NOTIFICATION ON FILE (Check of that apply) | | |
| ☐ A. RCRA 3001 DATE RECEIVED: ☐ B. UNCONTROLL | ED WASTE SITE (CERCLA 1934) DATE RECEIVED: MONTH DI | AY YEAR C. NONE |
| IV. CHARACTERIZATION OF POTENTIAL HAZARD | | |
| O1 ON SITE INSPECTION BY (Check of that apply) | | |
| U YES DATE DE LOCAL MEALTH OFF | | CONTRACTOR |
| 5 MV | (Reccity) | · . |
| CONTRACTOR NAME(8): Q2 SITE STATUS (Check may) Q3 SITE STATUS (Check may) | | |
| 02 SITE STATUS (Check one) 03 YEARS OF OPEN 03 YEARS OF OPEN | 1980 Present DUNKNOWN | • |
| 04 DESCRIPTION OF BUSSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED | EGINAING YEAR ENDING YEAR | |
| # | | |
| None | | |
| 1001.0 | | |
| 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION | | |
| 00 DESCRIPTION OF POTENTIAL PRODUCTION TO ENVIRONMENT MERCH POPULATION | | |
| None . | | |
| 100110 | | |
| | | |
| V. PRIORITY ASSESSMENT | | |
| 01 PRIORITY FOR INSPECTION (Check one. If high or medium is shooted, complete Part 2 - Waste Salari | sellen and Part 3 - Description of Missindous Conditions and Incidental D. NONE | |
| □ A. HIGH □ B. MEDIUM □ C. LOW proposition required promptly) proposition required promptly. | | Han Aprela) |
| VI. INFORMATION AVAILABLE FROM | | |
| 01 CONTACT 02 OF Manny Organia | mod . | 03 TELEPHONE NUMBER |
| Cliff Gould IEPA | IDLPC | 05-9720 CHU |
| 04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY | TOG CAGAMIZATION TOT TELEPHONE NUMBER | OB DATE |
| Kelly walker U.S.EPA | Environment 3663-9415 | 01,07,86 MONTH DAY YEAR |

| \$EPA | PRELIMIN PART 3 - DESCRIPTION OF HA | AZARDOUS WASTE SITE ARY ASSESSMENT ZARDOUS CONDITIONS AND INCIDENTS | O1 STATE | IFICATION 02 BITE NUMBER |
|--|---|---|-------------|-----------------------------|
| 01 D J. DAMAGE TO FLI 04 NARRATIVE DESCRIP | | 02 D OBSERVED (DATE:) | D POTENTIAL | □ ALLEGED |
| 01 CI K. DAMAGE TO FA 04 NARRATIVE DESCRIPT | UNA | 02 OBSERVED (DATE:) | D POTENTIAL | D ALLEGED |
| 01 D L CONTAMINATION 04 NARRATIVE DESCRIPT | | 02 D OBSERVED (DATE:) | D POTENTIAL | D ALLEGED |
| Household | L refuse is dum vilding in a con | · · · · · · · · · · · · · · · · · · · | | |
| | | | | |
| 01 D. N. DAMAGE TO OF 04 NARRATIVE DESCRIPT NONE | - - | 02 OBSERVED (DATE:) | POTENTIAL | D ALLEGED |
| 04 NARRATIVE DESCRIP | OCCUMENTED. OF SEWERS, STORM DRAINS, WWTPS | 02 OBSERVED (DATE:) | □ POTENTIAL | □ ALLEGED |
| 01 D. CONTAMINATIO 04 NARRATIVE DESCRIP | OCCUMENTED. IN OF SEWERS, STORM DRAINS, WWTPS THORIZED DUMPING | | | |

This site only accepts general household refuse, which is contained within the transfer station building in a concrete area. No horardous wastes are accepted v. BOURCES OF INFORMATION (CHI DECENTIONICS). S. SHIN BILL SHIPPING MARKET MARKET AND ACCEPTED.

See attached Source sheets.



| PA DOCUMENTATI | on sheet site 103rd St. Transfer Station IDENTIFICATION NUMBER |
|------------------|--|
| SDURCE Number | DESCRIPTION OF SOURCE |
| 1A, 1B, 1C, 1D | 1A) QUAD NAME LAKE CALUMET, II.1B) QUAD NAME BLUE Island, IL. SIZE: (7.3) OF 15 VEAR 973 VEAR 973 |
| | 10) QUAD NAME 1D) QUAD NAME |
| 2. | Letter from John Evans, IEPA, to Tom |
| | Cavanagh, IEPA, July 3, 1980, Pre- |
| | developmental inspection of Waste |
| | Transfer 103rd Strect. |
| 3, | Application for an operating Permit, |
| | April 6, 1983. |
| 4. | Letter from Larry W. Easter, IEPH |
| | to Mr. Dan Nelson, whote Marsagement, |
| | Inc. and Mr. John L. Donovon, |
| | City of chicago, May 9, 1983, |
| | Permit for 103rd Street Transfer. |
| 5. | Illinois Travel and Leisure Guide. |
| 6. | Phone Call by Suc Ryan, EEE to |
| | Mr. Stoney Monesteire, calumet |
| | city water Super intentent, June 20, |
| | 1985, (312)891-8155. |
| | • |

| PA DDCUMENTATE | ON SHEET SITE 103td St. Transfer IDENTIFICATION NUMBER |
|------------------|--|
| SDURCE NUMBER | DESCRIPTION OF SOURCE |
| 7, | Phone call by Suc Ryan, E & E, to |
| | Mr. Adduci, City of Chicago Water |
| <u> </u> | Dept-, Nov. 27, 1985, (312) 744-7001. |
| 8. | Phone call by SUE Ryan, EEE, |
| | to Ralph Falkerfall, city of Chicago |
| | Water Dept, July 16, 1984, |
| | (312) 744-7001. |
| 9. | Phone call by Ruth Ann Jacquette, |
| | EEE, to Jerry Larsen Chief |
| | filtration Engineer, Chicago Lebter |
| | Dept., 6/03/85, (312) 744-3696. |
| 10. | Endaugered species List U.S. |
| | Fish and Willife Manual, Great |
| | Lakes Region. |
| 11- | Letter to Mike McCarinaul Randal |
| | EKStrom, E&E from Fishand Wildlife |
| | Service, Rock Island Field Office, |
| | April 30, 1985. |
| P. | Environmental Assessment SCA, chemical |
| | Services Company, Hazardous Waste |
| | management Facility, Chicago/Lake |
| | Calumet, November 11, 1980. |

| PA DOCUMENTATI | ON SHEET SITE 1035 St. Trausfeit JDENTIFICATION NUMBER |
|------------------|---|
| SOURCE Number | DESCRIPTION OF SOURCE |
| 13. | Population Computation for 3 |
| | mile radius. |
| 14. | Phone call by Kelly Walker, EEE, |
| | to Jim Kero, City of chicago Dept. |
| | of Streets and Sanitation, 1/6/86, |
| | (312) 744-4580. |
| | |
| | END |
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